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**1 The magic wand**

Jan Ciger, Mario Gutierrez, Frederic Vexo, Daniel Thalmann

April 2003 **SCCG '03: Proceedings of the 19th spring conference on Computer graphics****Publisher:** ACMFull text available: [Pdf \(315.46 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 43, Downloads (Overall): 542

We want to present a multimodal user interface for interaction with the virtual environment on a large projection screen. We use the interaction metaphor of a "spell-casting" wizard (the "wand") to interact with the ...

**Keywords:** interface, multimodal, non--obtrusive, posture and speech recognition, virtual environment, wizard

**2 Standards and agile software development**

W. H. Morkel Theunissen, Derrick G. Kourie, Bruce W. Watson

September 2003 **SAI CSIT '03: Proceedings of the 2003 annual research conference of the South African Institute for Computer Scientists and Information Technologists****Publisher:** South African Institute for Computer Scientists and Information TechnologistsFull text available: [Pdf \(162.10 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)**Bibliometrics:** Downloads (6 Weeks): 62, Downloads (12 Months): 453, Downloads (Overall): 4

This paper investigates the adaptability of agile methodologies to software development in ISO. On the basis of this analysis, guidelines are proposed for developing software in such a way that the development process conforms to ...

**Keywords:** ISO/IEC 12207:1995, agile methodologies, documentation, extreme programming, development, standardization

**3 MULTIPLATFORM testbed: an integration platform for multimodal dialog systems**

Gerd Herzog, Heinz Kirchmann, Stefan Merten, Alassane Ndiaye, Peter Poller

May 2003 **SEALTS '03: Proceedings of the HLT-NAACL 2003 workshop on Software architecture of language technology systems - Volume 8**, Volume 8**Publisher:** Association for Computational LinguisticsFull text available: [Publisher Site](#), [Pdf \(210.04 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#)**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 30, Downloads (Overall): 103

Modern dialog and information systems are increasingly based on distributed components that interact with all kinds of heterogeneity and to enable flexible re-use of existing software components. This paper presents the MULTIPLATFORM testbed ...

**4 Fast detection of communication patterns in distributed executions**

Thomas Kunz, Michiel F. H. Seuren

November 1997 **CASCON '97**: Proceedings of the 1997 conference of the Centre for Advanced Collaborative research

**Publisher:** IBM Press

Full text available:  [Pdf](#) (4.21 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [in](#)

**Bibliometrics:** Downloads (6 Weeks): 31, Downloads (12 Months): 341, Downloads (Overall): 5

Understanding distributed applications is a tedious and difficult task. Visualizations based on diagrams are often used to obtain a better understanding of the execution of the application. We use is Poet, an event ...

**5 Flight Simulators: A look at Linux in the Aerospace Training Industry**

Roman Melnyk

August 1999 **Linux Journal** . Volume 1999 Issue 64es

**Publisher:** Specialized Systems Consultants, Inc.

Full text available:  [Html](#) (18.86 KB)

Additional Information: [full citation](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 12, Downloads (Overall): 191

**6 Roccom: an object-oriented, data-centric software integration framework for multip**

 Xiangmin Jiao, Michael T. Campbell, Michael T. Heath

June 2003 **ICS '03: Proceedings of the 17th annual international conference on Supercom**

**Publisher:** ACM 

Full text available:  [Pdf](#) (265.82 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 29, Downloads (Overall): 294

We describe an object-oriented software integration framework, *Roccom*, abstracted from experience in developing a complex, integrated code for rocket simulation. *Roccom* provides for inter-module data ...

**Keywords:** middleware, multiphysics simulation, object-oriented design, problem solving, integration

**7 The architecture of an agent building shell**

Mihai Barbulescu, Mark S. Fox

November 1995 **CASCON '95: Proceedings of the 1995 conference of the Centre for Advanced Collaborative research**

**Publisher:** IBM Press

Full text available:  [Pdf](#) (69.43 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 16, Downloads (Overall): 261

The agent view provides may be the right level of abstraction for dealing with complex solving systems. It abstracts from aspects like the hardware or software platforms of the internal structure, methods or ...

**Keywords:** agent modeling, conflict management, coordination, description logics, intelligent agent systems, shells

**8 Specification and implementation of exceptions in workflow management systems**

 Fabio Casati, Stefano Ceri, Stefano Paraboschi, Giuseppe Pozzi

September 1999 **Transactions on Database Systems (TODS)** . Volume 24 Issue 3

**Publisher:** ACM 

Full text available:  [Pdf](#) (250.40 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

**Bibliometrics:** Downloads (6 Weeks): 28, Downloads (12 Months): 227, Downloads (Overall): 2

Although workflow management systems are most applicable when an organization follows processes and routines, any of these processes faces the need for handling exceptions in anomalous situations that fall outside ...

**Keywords:** active rules, asynchronous events, exceptions, workflow management systems

9 A software agent for performance improvement of existing information retrieval systems

 [Bernard J. Jansen](#)

December 1998 [IUI '99: Proceedings of the 4th international conference on Intelligent user interfaces](#)

**Publisher:** ACM 

Full text available:  [Pdf \(115.23 KB\)](#)

Additional Information: [full citation](#), [references](#), [cited by](#), [incited by](#)

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 15, Downloads (Overall): 215

**Keywords:** adaptive interfaces, information retrieval, interface agents, software agents

10 New functionality for programming languages

 [Lori A. Clarke, Peri Tarr](#)

December 1996 [Computing Surveys \(CSUR\)](#) . Volume 28 Issue 4es

**Publisher:** ACM 

Full text available:  [Html \(11.56 KB\)](#)

Additional Information: [full citation](#), [references](#)

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 22, Downloads (Overall): 180

11 A methodology for the design of application specific instruction set processors (ASIPs) using a description language LISA

Andreas Hoffmann, Oliver Schliebusch, Achim Nohl, Gunnar Braun, Oliver Wahlen, Heinrich Winkel

November 2001 [ICCAD '01: Proceedings of the 2001 IEEE/ACM International conference on computer-aided design](#)

**Publisher:** IEEE Press

Full text available:  [Pdf \(913.02 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#)

**Bibliometrics:** Downloads (6 Weeks): 15, Downloads (12 Months): 61, Downloads (Overall): 330

The development of application specific instruction set processors (ASIP) is currently taking place in semiconductor houses and core vendors. This is due to the fact that building such an architecture requires expertise ...

12 Toward V&V of neural network based controllers

 [Johann Schumann, Stacy Nelson](#)

November 2002 [WOSS '02: Proceedings of the first workshop on Self-healing systems](#)

**Publisher:** ACM 

Full text available:  [Pdf \(263.46 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#)

**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 31, Downloads (Overall): 535

Online adaptation is a powerful means to handle unexpected slow or catastrophic changes in behavior (e.g., a stuck or broken rudder of an aircraft). Therefore, adaptation is one way to handle such a system. Substantial research ...

13 Proceedings of the 1993 conference of the Centre for Advanced Studies on Collateral software engineering - Volume 1: software engineering

Jacob Słomin, W. Morven Gentleman, Ann Gawman, Evelyn Kidd, Per-Åke Larsson

October 1993 [CASCON '93: Proceedings of the 1993 conference of the Centre for Advanced Studies on software engineering - Volume 1](#)

**Publisher:** IBM Press

Additional Information: [full citation](#), [abstract](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a

Welcome to CASCON '93 -- Working Together. The theme of this year's conference is given today's business and economic environment. As an increasing number of business faced with tough cost-cutting ...

**14** Weaving stories in digital media: when Spielberg makes home movies

Brett Adams, Svetlana Venkatesh

November 2003 **MULTIMEDIA '03: Proceedings of the eleventh ACM international conference on Multimedia**

**Publisher:** ACM [Request Permissions](#)

Full text available:  [Pdf \(126.70 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citing](#)

**Bibliometrics:** Downloads (6 Weeks): 6, Downloads (12 Months): 37, Downloads (Overall): 131

In this paper we describe research aimed at enabling amateur video makers to improve and communicative capacity of their work. Motivated by the recognition that untold home videos are simply abandoned after capture, ...

**Keywords:** cinematography, home movies, media aesthetics, narrative structure, video

**15** Principled design of the modern Web architecture

Roy T. Fielding, Richard N. Taylor

May 2002 **Transactions on Internet Technology (TOIT)**, Volume 2 Issue 2

**Publisher:** ACM [Request Permissions](#)

Full text available:  [Pdf \(335.47 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citing](#)

**Bibliometrics:** Downloads (6 Weeks): 95, Downloads (12 Months): 484, Downloads (Overall): 4

The World Wide Web has succeeded in large part because its software architecture has needs of an Internet-scale distributed hypermedia application. The modern Web architecture is highly scalable by component interactions, ...

**Keywords:** Network-based applications, REST, World Wide Web

**16** Efficient mapping of software system traces to architectural views

Robert J. Walker, Gail C. Murphy, Jeffrey Steinbok, Martin P. Robillard

November 2000 **CASCON '00: Proceedings of the 2000 conference of the Centre for Advanced Research in Collaborative research**

**Publisher:** IBM Press

Full text available:  [Pdf \(104.16 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citing](#)

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 20, Downloads (Overall): 136

Information about a software system's execution can help a developer with many tasks: testing, performance tuning, and program understanding. In almost all cases, this dynamic information is expressed in terms of source-level constructs, ...

**Keywords:** dynamic information, encoding, execution information, paths, performance, understanding, software integration testing, traces

**17** Manufacturing modeling methods: virtual reality simulation of a mechanical assembly

Deogratias Kibria, Chuck McLean

December 2002 **WSC '02: Proceedings of the 34th conference on Winter simulation: explicit methods for stochastic systems**

**Publisher:** Winter Simulation Conference

Full text available:  [Pdf \(416.71 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [citing](#)

**Bibliometrics:** Downloads (6 Weeks): 14, Downloads (12 Months): 105, Downloads (Overall): 5

This paper presents our work on the application of virtual-reality simulation to the design

mechanically-assembled product. The development of this simulation was undertaken Manufacturing Simulation and Visualization ...

**18** Managing software reuse—an experience report

 Susan Rosenbaum, Bertrand du Castel

April 1995 **ICSE '95: Proceedings of the 17th international conference on Software engin**

**Publisher:** ACM

Full text available:  Pdf (787.77 KB)

Additional Information: full citation, references, cited by, index t

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 20, Downloads (Overall): 276

**19** Using structured types to incorporate knowledge in hypertext

 Jocelyne Nanard, Marc Nanard

September 1991 **HYPertext '91: Proceedings of the third annual ACM conference on Hy**

**Publisher:** ACM  Request Permissions

Full text available:  Pdf (1.07 MB)

Additional Information: full citation, references, cited by, inc

**Bibliometrics:** Downloads (6 Weeks): 10, Downloads (12 Months): 28, Downloads (Overall): 33

**20** Management issues in Eda

 Ajit M. Prabhu

June 1994 **DAC '94: Proceedings of the 31st annual Design Automation Conference**

**Publisher:** ACM  Request Permissions

Full text available:  Pdf (121.95 KB)

Additional Information: full citation, references, index terms

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 17, Downloads (Overall): 200

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